Claims

The following is a copy of Applicant's claims that identifies language being added with underlining ("___") and language being deleted with strikethrough ("————") or brackets ("[[ ]]"), as is applicable:

1.   (Currently amended) A method for collecting data regarding network service operation, the method comprising:

a client sending a request to a network service;

intercepting a~~ message~~ the request sent by a~~ the client ~~and directed to a~~ the network service;

storing in a session timing profile information about the ~~message~~ request including a name of the client, a name of the network service, and a request sent time identifying when the request was sent by the client; and

transmitting the ~~message~~ request to a~~ destination~~ the network service.

2.   (Currently amended) The method of claim 1, wherein intercepting a~~ message sent by a client~~ the request comprises intercepting a ~~message~~ request sent by a network service acting in the capacity of a client.

3.   (Currently amended) The method of claim 1, wherein intercepting a~~ message~~ request comprises intercepting a ~~message~~ request using a message handler that is separate from and called by the client.

4.   (Currently amended) The method of claim ~~1~~ 3, wherein storing information about the ~~message~~ request comprises storing information about the ~~message~~ request using the message handler that is called by the client.

5.   (Currently amended) The method of claim 4, wherein storing information about the ~~message~~ request further comprises storing information about at least one of a ~~session identification, a source name of the sender of the message,~~ a message type, ~~a destination name of the intended recipient, a request sent time,~~ and substance of the ~~message~~ request.

6.   (Currently amended) The method of claim 1, further comprising interjecting instrumentation information into the ~~message~~ request prior to transmitting the ~~message~~ request to the ~~destination~~ network service, the instrumentation information including a session identification.

7.   (Currently amended) The method of claim 6, wherein interjecting instrumentation information comprises interjecting instrumentation information using a message handler that is separate from and called by the client.

8.   (Currently amended) The method of claim 7, wherein interjecting instrumentation information comprises adding instrumentation information to a header of the ~~message~~ request.

9.   (Currently amended) The method of claim 7, wherein interjecting instrumentation information ~~further~~ comprises interjecting at least one of ~~a session identification,~~ a ~~source~~ name of the ~~sender of the message~~ client, a message type, a ~~destination~~ name of the ~~intended recipient~~ network service, and a request sent time.

10.   (Currently amended) The method of claim 1, further comprising receiving a response from the ~~destination~~ network service and storing data regarding the response in the session timing profile.

11.   (Currently amended) The method of claim 10, wherein storing data regarding the response comprises storing data using a message handler that is separate from and called by the client.

12.   (Currently amended) The method of claim 10, wherein storing data regarding the response comprises storing in the session timing profile ~~at least one of a session identification,~~ a source name of the ~~sender of the message~~ network service, a ~~message type,~~ a destination name of the ~~intended recipient~~ client, ~~a request received time, a response sent time,~~ and a response received time identifying when the response was received.

13. (Currently amended) A method for collecting data regarding network service operation, the method comprising:

~~receiving a request from a client;~~

intercepting a ~~message~~ request sent by a client to a network service ~~and directed to the client~~;

storing in a session timing profile information about the ~~message~~ request including a name of the client, a name of the network service, and a request received time identifying when the request was received; and

transmitting the ~~message~~ request to the ~~client~~ network service.

14. (Currently amended) The method of claim 13, wherein intercepting a message comprises intercepting a message using a message handler that is separate from and called by the network service ~~and wherein storing information about the message comprises storing information about the message using the message handler~~.

15. (Currently amended) The method of claim 14, wherein storing information about the ~~message~~ request further comprises storing information about at least one of a ~~session identification, a source name of the sender of the message,~~ a message type, ~~a destination name of the intended recipient, a request received time, a response sent time,~~ and substance of the message.

16-24. (Canceled)

25.   (Currently amended) A ~~message handler stored on a~~ computer-readable medium that stores a message handler, the handler comprising:

logic configured to intercept messages sent by a client and directed to a network service;

logic configured to store in a session timing profile information about the message including a name of the client, a name of the network service, and a request sent time identifying when the request was sent by the client; and

logic configured to transmit the message to ~~a~~ the network service.

26.   (Currently amended) The ~~message handler~~ computer-readable medium of claim 25, wherein the logic configured to store information about the message comprises logic configured to store information about at least one of ~~a session identification, a source name of the sender of the message,~~ a message type~~, a destination name of the intended recipient, a request sent time,~~ and substance of the message.

27.   (Currently amended) The ~~message handler~~ computer-readable medium of claim 25, further comprising logic configured to interject instrumentation information into the message including a session identification.

28. (Currently amended) The ~~message handler~~ computer-readable medium of claim 27, wherein the logic configured to interject instrumentation information comprises logic configured to interject at least one of ~~a session identification,~~ a ~~source~~ name of the ~~sender of the message~~ client, a message type, a ~~destination~~ name of the ~~intended recipient~~ network service, and a request sent time.

29. (Currently amended) The ~~message handler~~ computer-readable medium of claim 25, further comprising logic configured to receive a response from the ~~destination~~ network service and logic configured to store in the session timing profile data regarding the response, the data regarding the response comprising ~~at least one of a session identification,~~ a source name of the ~~sender of the message~~ network service, ~~a message type,~~ a destination name of the ~~intended recipient~~ client, ~~a request received time, a response sent time,~~ and a response received time identifying when the response was received.

30. (Currently amended) The ~~message handler~~ computer-readable medium of claim 25, wherein the message handler is a simple_object access protocol (SOAP) message handler.

31. (Currently amended) A messaging system, comprising:

a first network service comprising an application program interface (API) that is configured to call a message handler; and

a message handler that is called by the API, the message handler being configured to intercept requests sent by the first network service and directed to a supporting second network service, to store in a session timing profile information about the request including a name of the first network service, a name of the second network service, and a request sent time identifying when the request was sent by the first network service, to interject information into the request including a session identification, to transmit the message to the supporting second network service, to receive a response from the supporting second network service, and to store in the session timing profile information about the response including a name of the second network service, a name of the first network service, and a response received time identifying when the response was received.

32. (Currently amended) The system of claim 31, wherein the message handler is further configured to, in regard to the request, store in the session timing profile information about at least one of a session identification, a source name of the sender of the message, a message type, a destination name of the intended recipient, a request sent time, and substance of the message.

33.   (Currently amended) The system of claim 31, wherein the message handler is <u>further</u> configured to, in regard to the response, store <u>in the session timing profile</u> information about ~~a session identification, a source name of the sender of the message,~~ a message type~~, a destination name of the intended recipient, a request received time, a response sent time,~~ and a response received time.

34.   (Original) The system of claim 31, wherein the message handler is a simple object access protocol (SOAP) message handler.